



50001 Ready™
U.S. DEPARTMENT OF ENERGY

Bundles of Energy Savings Opportunities for Every Sector

Office of Energy Efficiency and Renewable Energy Launch Cohorts to Implement Energy Management Systems with the 50001 Ready Program

Taking a systematic approach to managing energy can help organizations achieve long-term energy savings and meet sustainability goals. On a national level, widespread adoption of successful energy-management methods—particularly for large energy users—will be critical to the effort to decarbonize the American economy.

That's why four offices at the U.S. Department of Energy (DOE) are offering free, tailored technical assistance to industrial, commercial, and federal sites as they implement business practices based on the global gold standard for energy management: International Organization for Standardization (ISO) 50001.

50001 Ready Cohort Training Opportunity

The principles of ISO 50001 help organizations develop a more integrated energy strategy to meet their productivity, competitiveness, and decarbonization goals.

Through DOE's technical assistance programs, a group, or "cohort," consisting of one or multiple organizations, receives tailored training to bring their organizations into alignment with the ISO 50001 energy management system standard. Since its inception in 2017, the 50001 Ready program has helped organizations in all sectors of the economy implement comprehensive energy management practices, prepare for ISO 50001 certification, and continually improve their existing energy-management system.

Cohort participants receive 6 to 12 months of support from national ISO 50001 experts, delivered through monthly webinars, virtual one-on-one coaching sessions with each site, and peer-to-peer learning.

The Federal Energy Management Program (FEMP) launched the first virtual 50001 Ready cohort in early 2020. Several federal agencies, including the Department of Justice and NASA, participated in a virtual training on the program's Navigator tool and learned how to form energy teams, set goals, identify opportunities, and document results.

Based on the success of that cohort, three other EERE offices—the [Advanced Manufacturing Office \(AMO\)](#), [Building Technologies Office \(BTO\)](#), and [Weatherization and Intergovernmental Program Office \(WIP\)](#)—have formed sector-based cohorts for manufacturing, hospitality, and wastewater utility sites, respectively.

In addition, DOE is partnering with state offices and utilities to equip them with the tools to launch their own 50001 Ready cohort programs. To date, a dozen utility-sector energy-efficiency program managers have partnered with DOE to implement energy-management systems that support their program's objectives.



50001's data-driven, flexible design helps organizations of all kinds and sizes to achieve persistent energy and cost savings over the long term



50001 Saves Energy

DOE studies verify continual energy improvement



50001 Builds Resilience

A business culture of assessing energy risks



50001 Drives Decarbonization

Carbon management requires energy management



50001 Promotes Efficiency

Continuous commissioning of existing and evaluation of cutting-edge energy systems

**Contact the Help Desk at
50001Ready@lbl.gov**

Widespread Global Adoption of ISO 50001 Energy Management Practices by 2030* is projected to:



Remove the equivalent of
210 million cars from the road



Avoid **6,500 million** Mt CO₂
(metric tons) emissions



Generate **\$700 billion** USD of
cumulative cost savings

*LBNL, 2017



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Could Your Organization Benefit from Being a Part of a 50001 Ready Cohort?

50001 Ready's free cohort technical assistance is open to energy-management teams from U.S.-based industrial, commercial, and institutional sites committed to meeting the global ISO 50001 energy-management standard.

To learn more and join the program, please send an email to the Help Desk: 50001Ready@lbl.gov.

What 50001 Ready Cohort participants are saying:



DOE Advanced Manufacturing Office

"The ISO 50001 framework is helping us refine existing processes, integrate new sustainability strategies, and establish renewable energy goals to further reduce our environmental impact."

– John Gant, Director of Sustainability, Glen Raven Inc.



Building Technology Office

"The 50001 Ready program and DOE leadership has enabled our team to better understand our buildings and build an energy management toolbox to implement at every Loews Hotel."

– Joe Thomas, VP of Engineering, Loews Hotel



Federal Energy Management Program

"DOE's 50001 Ready program has been an invaluable experience that I would recommend to any Federal Agency interested in learning to establish a baseline energy management program and process of continual improvement."

– Allan J. Federman, Agency Liaison Officer, Veterans Affairs



Weatherization and Intergovernmental Programs Office

"ISO 50001 is a clear indication to the public, our customers, and employees that Des Moines Water Works is serious about good stewardship of our natural resources, improving energy performance and reducing carbon emissions."

– Doug Oscarson Energy and Asset Management, Des Moines Water Works

To learn more visit energy.gov/50001Ready and explore the Navigator at <https://navigator.lbl.gov/>